

Abstract of the Disclosure

Disclosed is a main switch conveying apparatus for a vacuum circuit breaker. The main switch conveying apparatus for a vacuum circuit breaker installed in a cage having electrical load and source terminals, the main switch conveying apparatus includes a carriage for conveying the main switch loaded on the carriage in such a manner that the main switch is coupled to or separated from the terminals, a carriage actuating assembly including a lead screw for providing a driving force to move the carriage and provided with braking recesses at the predetermined positions on the lead screw in such a manner that the carriage is stopped at a test position, a safety position and a run position of the main switch, and a conveying nut fixed on the carriage to mesh with the lead screw and movable together with the carriage relatively to the lead screw, a girder assembly detachably supported on both front sidewalls of the cage for supporting one end of the lead screw to rotate, a brake assembly installed on the carriage for stopping the carriage by locking the lead screw at positions of the braking recesses; and a brake releasing assembly for releasing the locking of the brake assembly. The carriage having the main switch loaded thereon moves along the lead screw, while allowing the main switch to be positioned in the safety, test and run positions of the main switch. The user easily recognizes the position of the main switch. If the main switch conveying apparatus is inversely operated, the movement of the main circuit is stopped so that the main circuit is precisely and rapidly moved.